

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110322\
 Data File : VN075142.D
 Acq On : 03 Nov 2022 14:24
 Operator : JC\MD
 Sample : N5395-17RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-10-103122RE

Quant Time: Nov 04 04:10:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

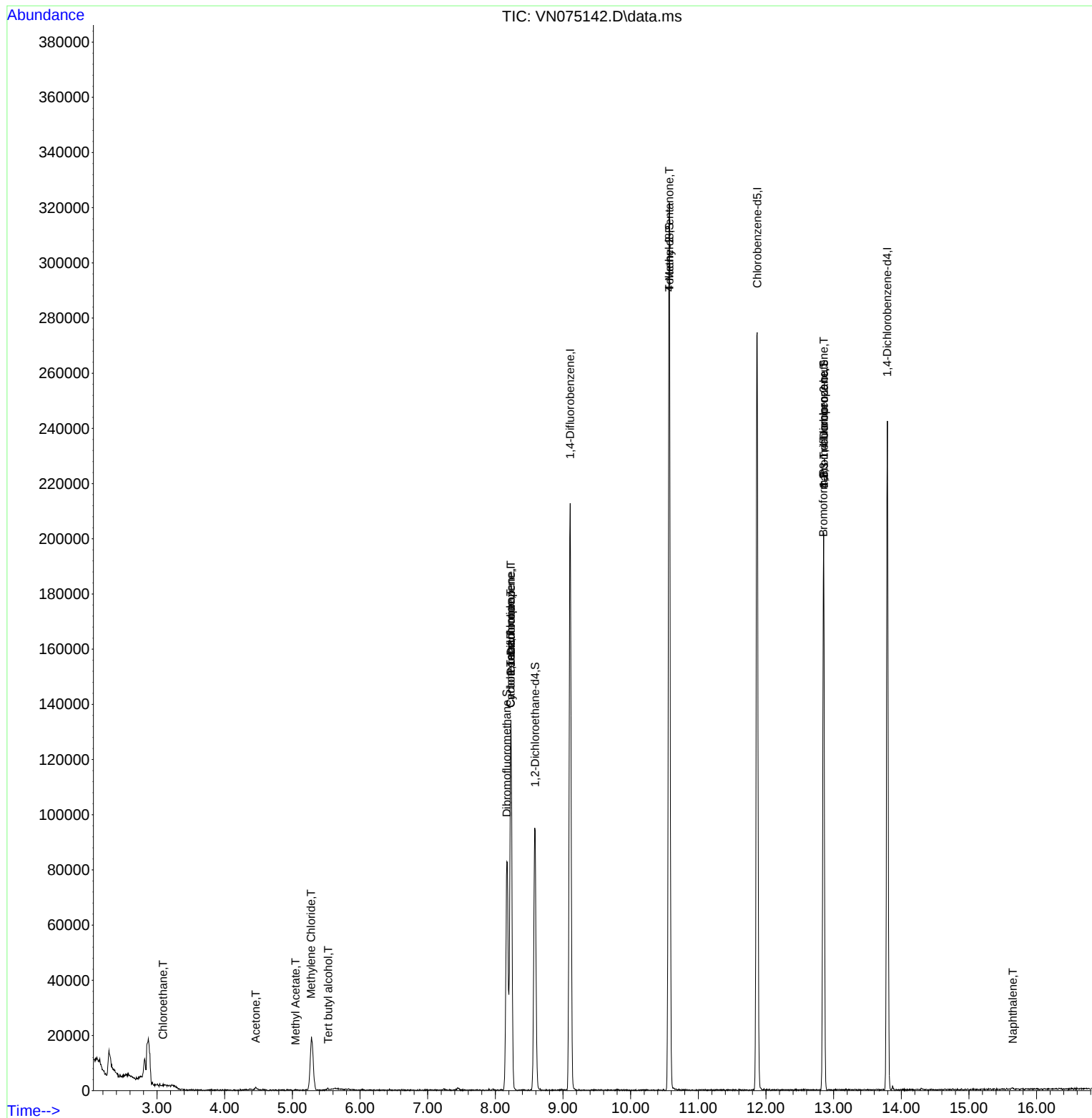
Internal Standards						
1) Pentafluorobenzene	8.229	168	91509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	181334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	159420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	80081	64.949	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.900%#	
35) Dibromofluoromethane	8.171	113	59135	55.551	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.100%	
50) Toluene-d8	10.571	98	220954	53.499	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.000%	
62) 4-Bromofluorobenzene	12.853	95	65848	45.387	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.942	94	277	Below Cal	#	5
6) Chloroethane	3.089	64	461	0.356	ug/l #	45
11) Tert butyl alcohol	5.530	59	120	0.417	ug/l #	72
16) Acetone	4.459	43	1733	3.319	ug/l	95
18) Methyl Acetate	5.047	43	359	0.211	ug/l #	47
20) Methylene Chloride	5.277	84	15814	13.585	ug/l	86
31) Cyclohexane	8.224	56	2404	1.311	ug/l #	54
36) 1,1-Dichloropropene	8.229	75	8243	5.002	ug/l #	51
38) Carbon Tetrachloride	8.224	117	11026	6.082	ug/l #	12
51) 4-Methyl-2-Pentanone	10.571	43	791	0.437	ug/l #	1
71) Bromoform	12.847	173	392	0.415	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	37567	28.569	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	37567	73.336	ug/l #	10
95) Naphthalene	15.647	128	973	0.276	ug/l #	69

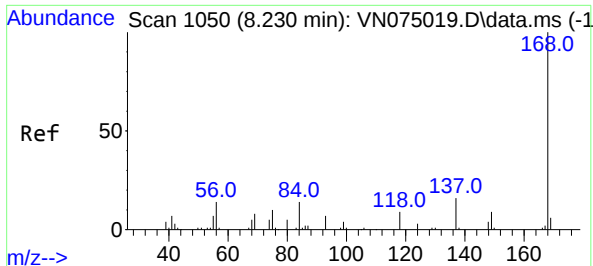
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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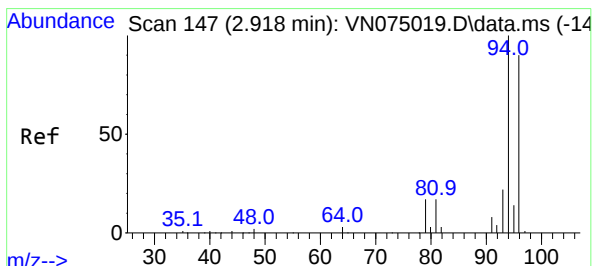
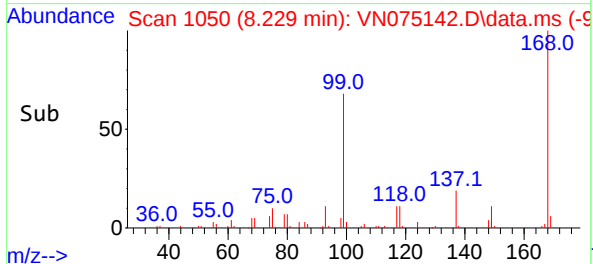
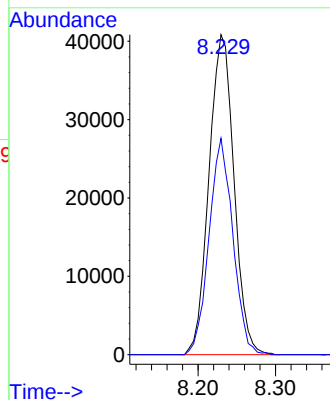
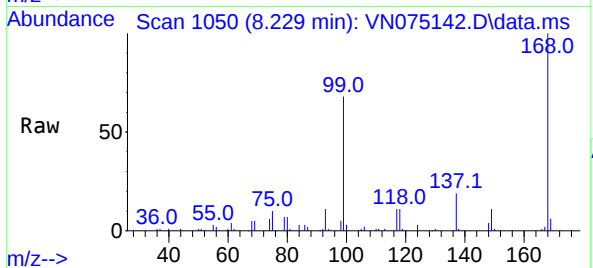




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

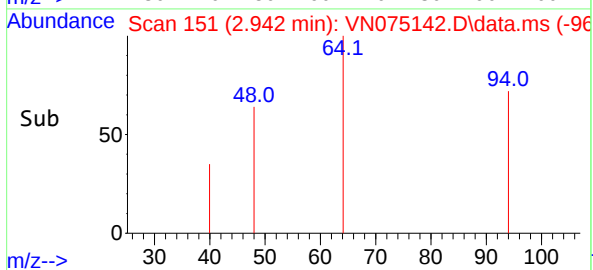
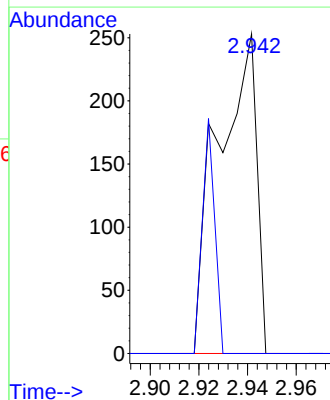
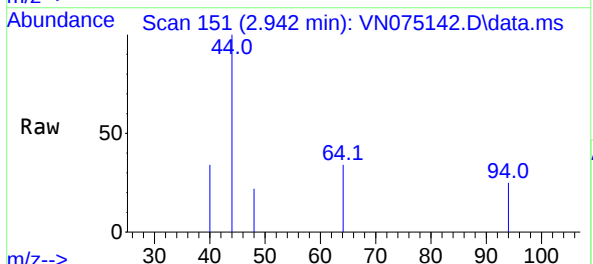
Instrument :
MSVOA_N
ClientSampleId :
S-10-103122RE

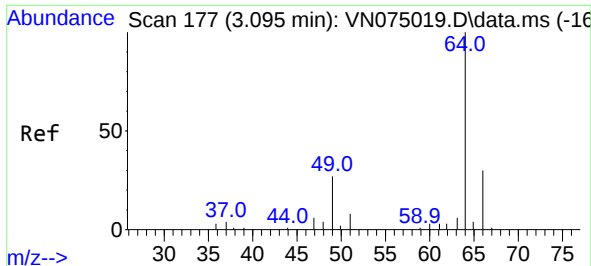
Tgt Ion:168 Resp: 91509
Ion Ratio Lower Upper
168 100
99 67.6 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.942 min Scan# 151
Delta R.T. 0.024 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Tgt Ion: 94 Resp: 277
Ion Ratio Lower Upper
94 100
96 0.0 71.8 107.6#

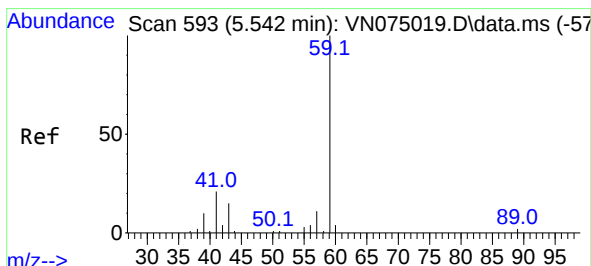
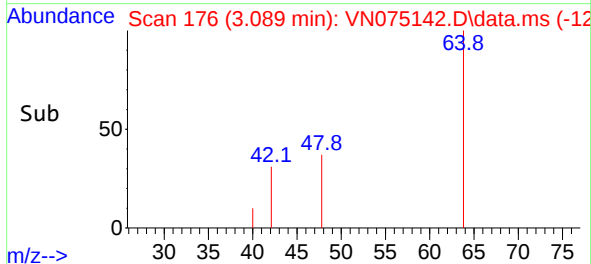
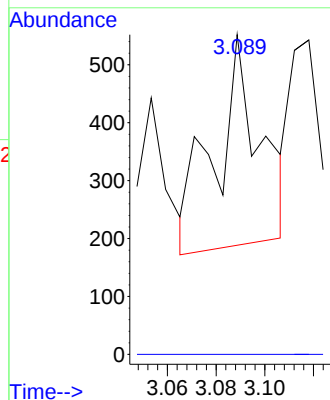
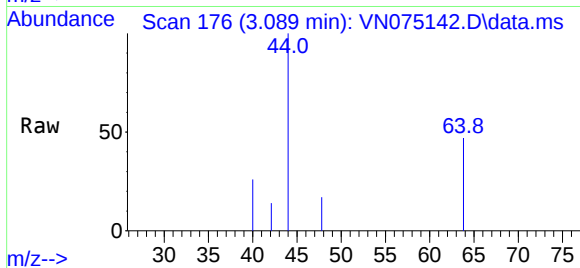




#6
Chloroethane
Concen: 0.356 ug/l
RT: 3.089 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

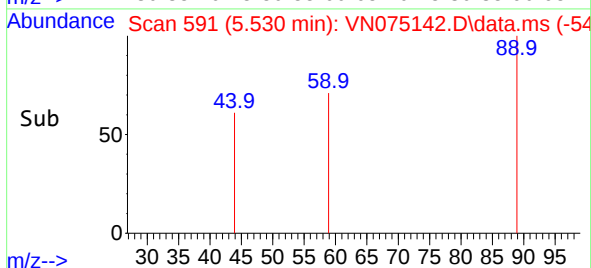
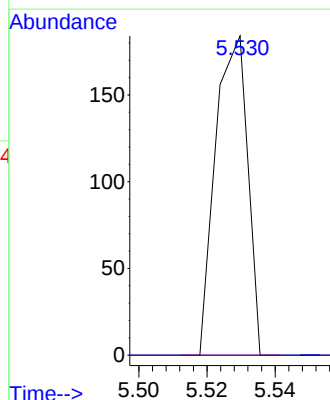
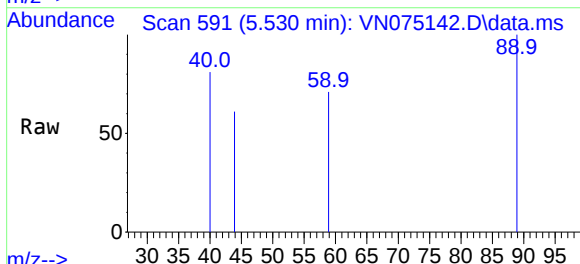
Instrument :
MSVOA_N
ClientSampleId :
S-10-103122RE

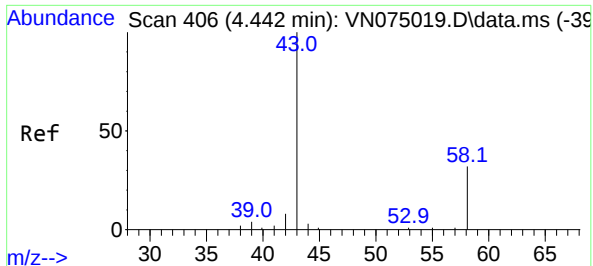
Tgt Ion: 64 Resp: 461
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 0.417 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.012 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

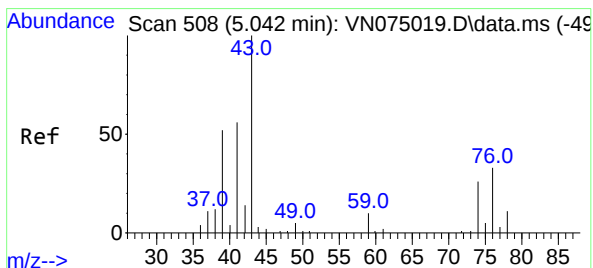
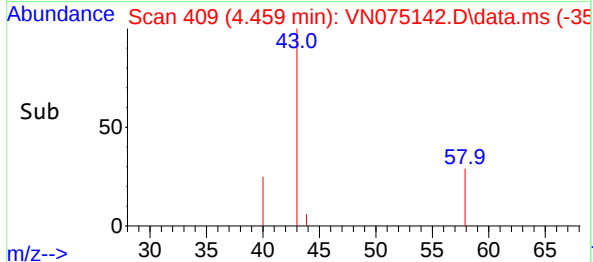
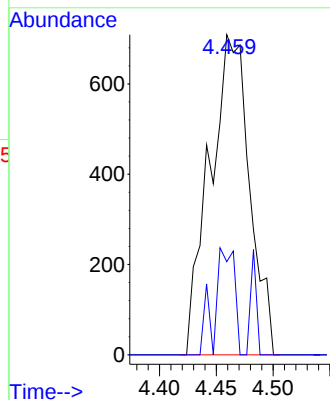
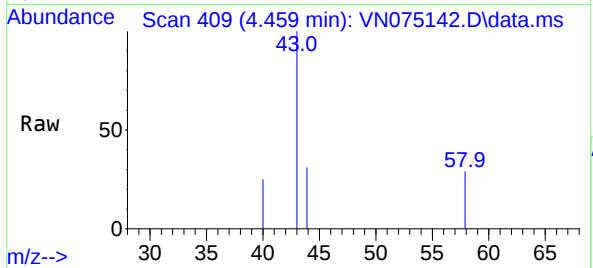




#16
Acetone
Concen: 3.319 ug/l
RT: 4.459 min Scan# 409
Delta R.T. 0.017 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

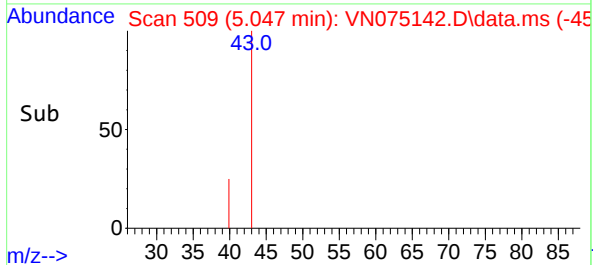
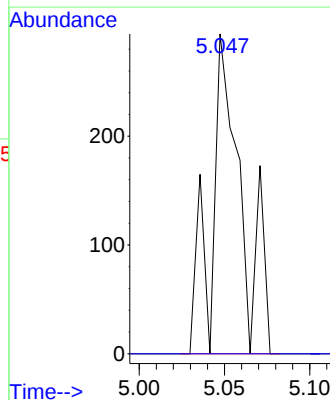
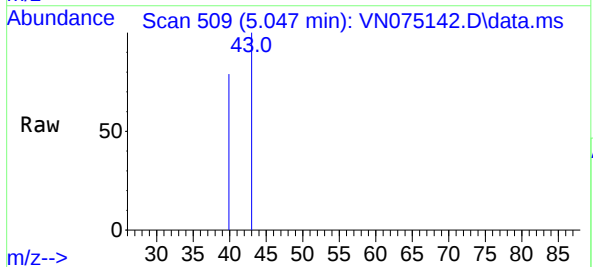
Instrument :
MSVOA_N
ClientSampleId :
S-10-103122RE

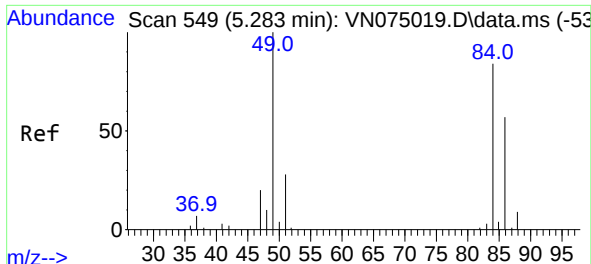
Tgt Ion: 43 Resp: 1733
Ion Ratio Lower Upper
43 100
58 29.1 25.5 38.3



#18
Methyl Acetate
Concen: 0.211 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.005 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Tgt Ion: 43 Resp: 359
Ion Ratio Lower Upper
43 100
74 0.0 22.0 33.0#



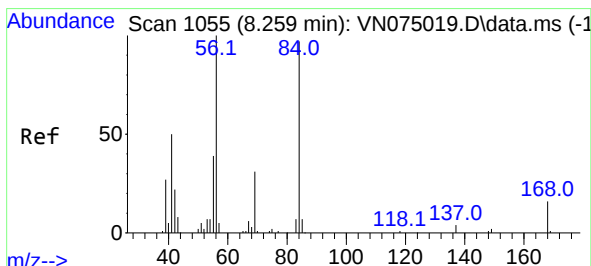
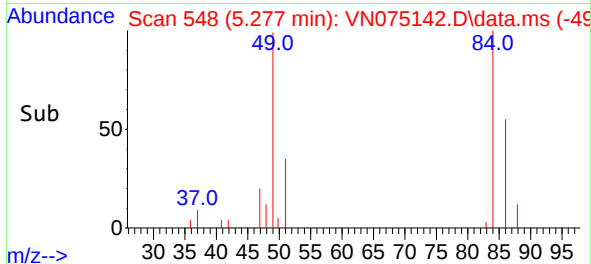
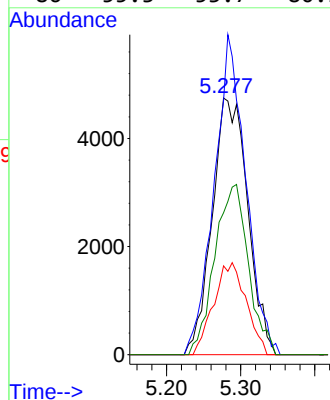
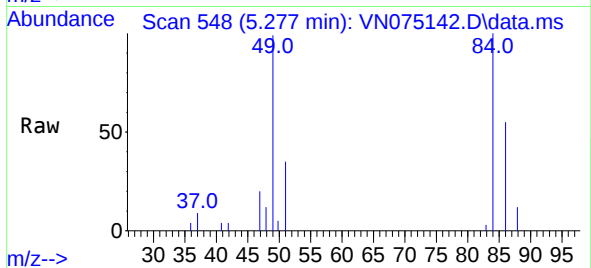


#20
Methylene Chloride
Concen: 13.585 ug/l
RT: 5.277 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :
S-10-103122RE

Tgt Ion: 84 Resp: 15814

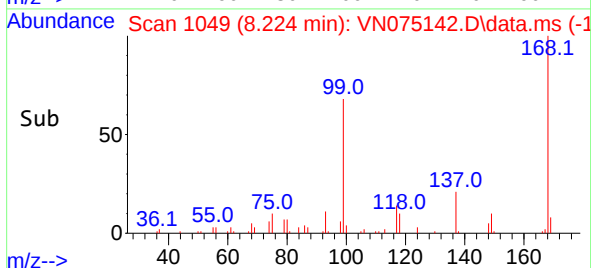
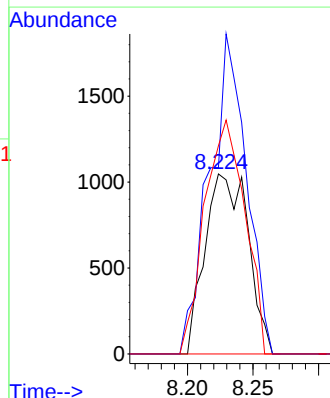
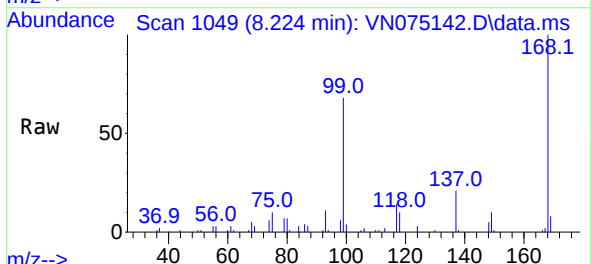
Ion	Ratio	Lower	Upper
84	100		
49	98.9	94.9	142.3
51	34.6	26.8	40.2
86	55.3	53.7	80.5

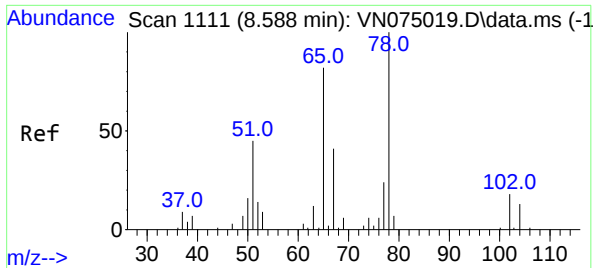


#31
Cyclohexane
Concen: 1.311 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Tgt Ion: 56 Resp: 2404

Ion	Ratio	Lower	Upper
56	100		
69	103.5	25.2	37.8#
84	115.7	77.8	116.8

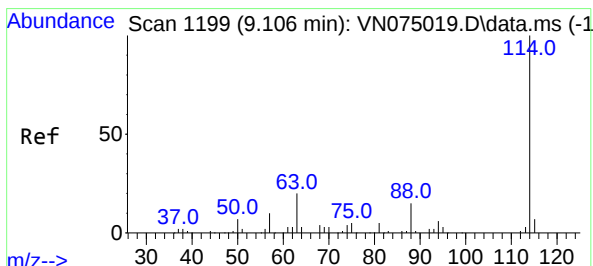
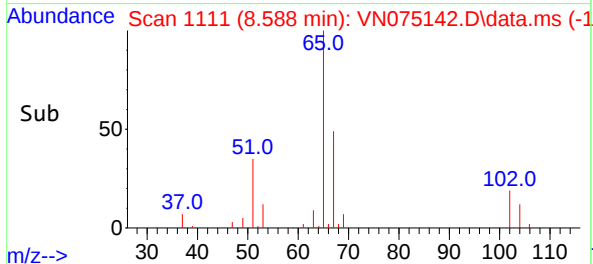
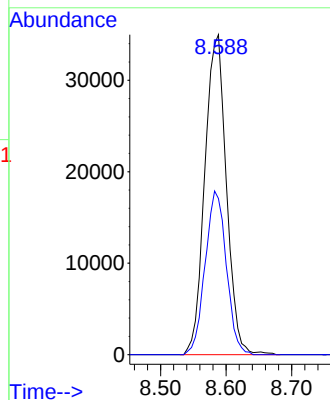
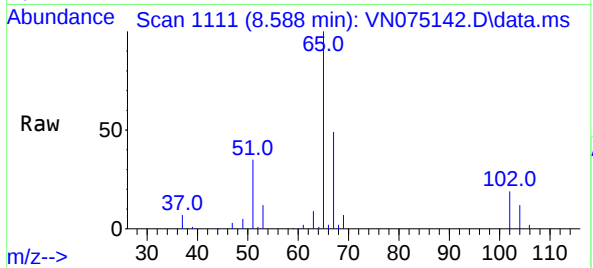




#33
1,2-Dichloroethane-d4
Concen: 64.949 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

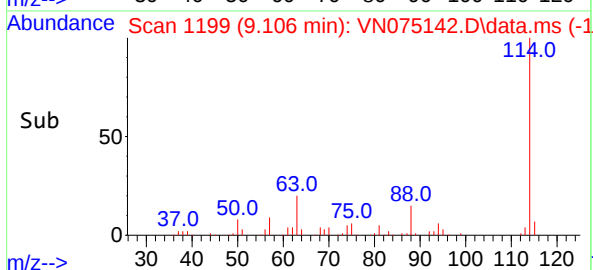
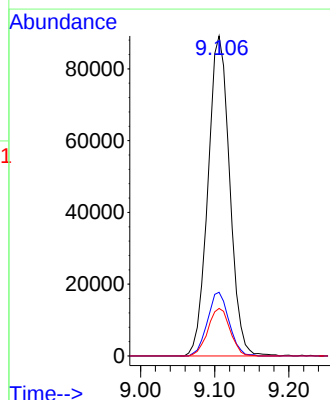
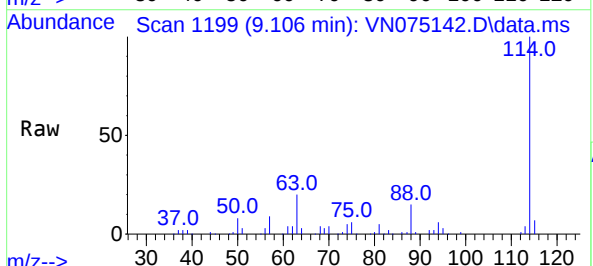
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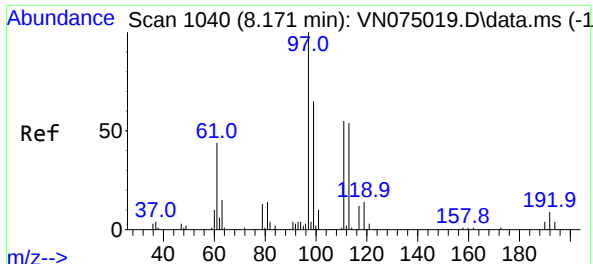
Tgt Ion: 65 Resp: 80081
Ion Ratio Lower Upper
65 100
67 50.2 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1199
Delta R.T. -0.000 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Tgt Ion: 114 Resp: 181334
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.6
88 14.9 0.0 29.0

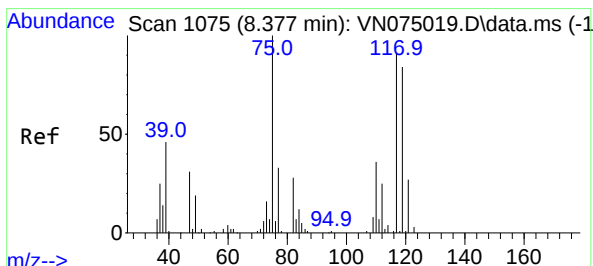
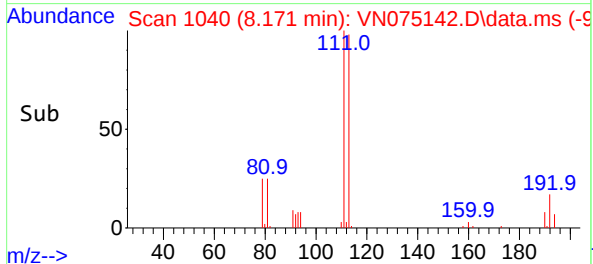
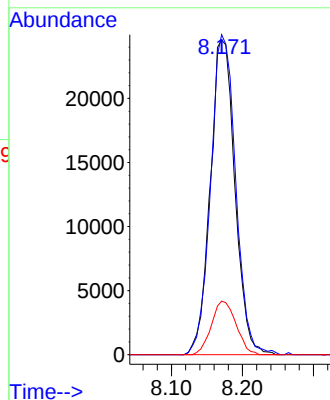
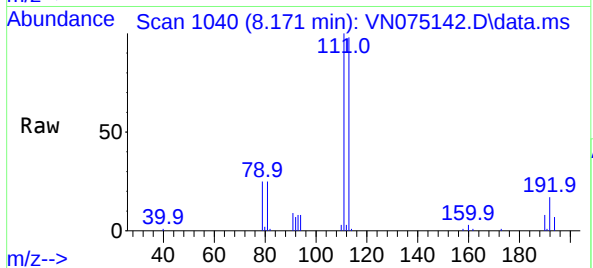




#35
Dibromofluoromethane
Concen: 55.551 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

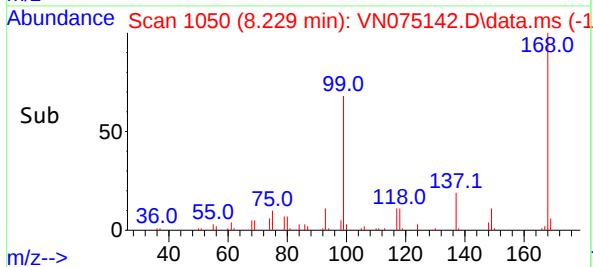
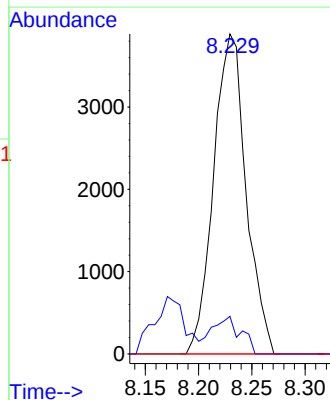
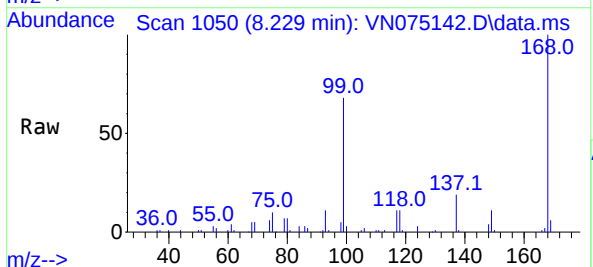
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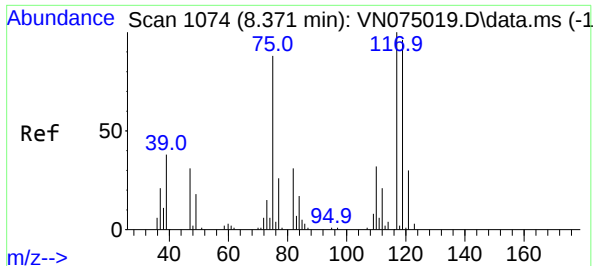
Tgt Ion:113 Resp: 59135
Ion Ratio Lower Upper
113 100
111 102.9 80.5 120.7
192 17.0 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.002 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.148 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

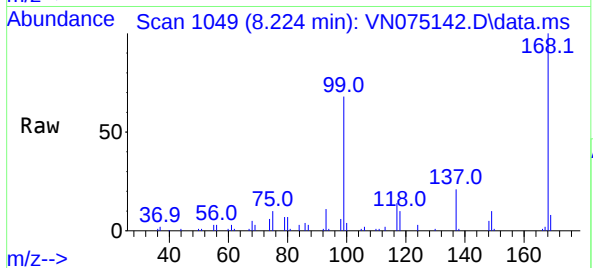
Tgt Ion: 75 Resp: 8243
Ion Ratio Lower Upper
75 100
110 10.5 17.8 53.3#
77 0.0 24.6 37.0#



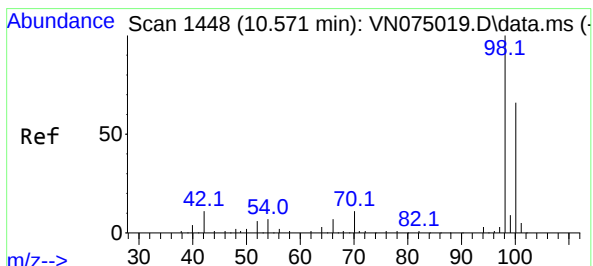
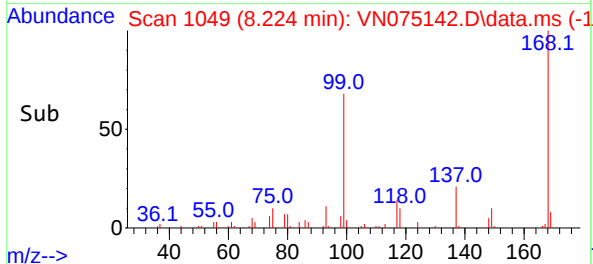
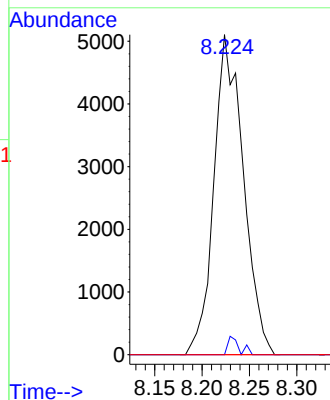


#38
Carbon Tetrachloride
Concen: 6.082 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Instrument :
MSVOA_N
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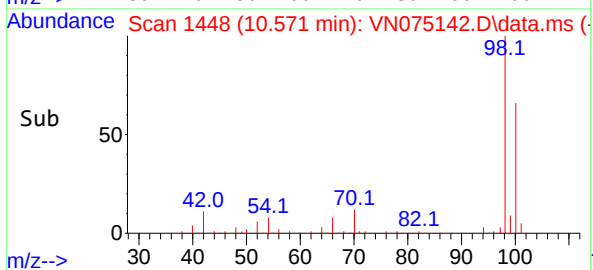
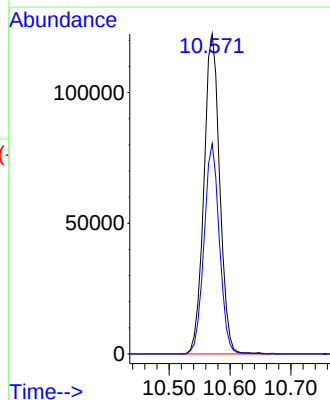
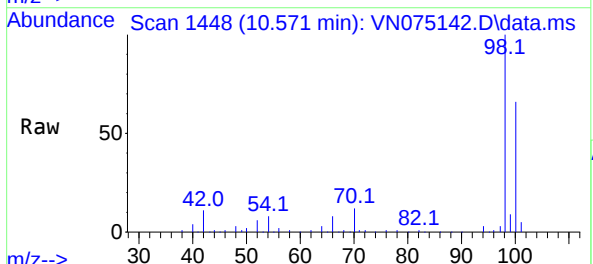


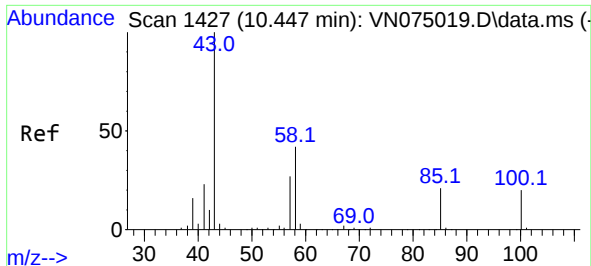
Tgt Ion:117 Resp: 11026
Ion Ratio Lower Upper
117 100
119 0.0 76.7 115.1#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 53.499 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Tgt Ion: 98 Resp: 220954
Ion Ratio Lower Upper
98 100
100 63.9 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 0.437 ug/l

RT: 10.571 min Scan# 1427

Delta R.T. 0.124 min

Lab File: VN075142.D

Acq: 03 Nov 2022 14:24

Instrument :

MSVOA_N

ClientSampleId :

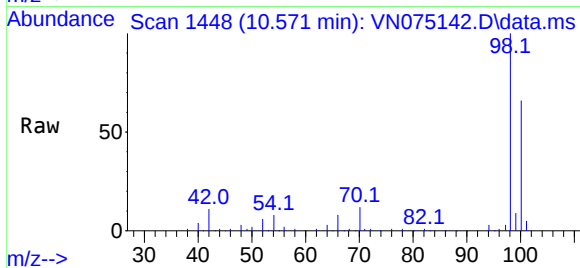
S-10-103122RE

Tgt Ion: 43 Resp: 791

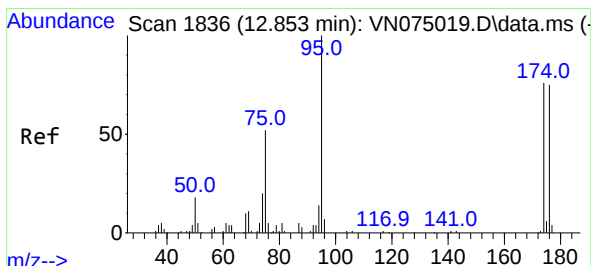
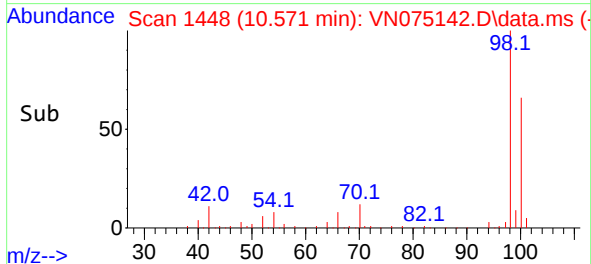
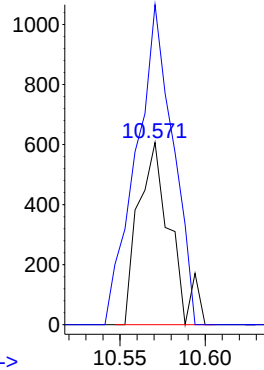
Ion Ratio Lower Upper

43 100

58 202.7 33.6 50.4#



Abundance



#62

4-Bromofluorobenzene

Concen: 45.387 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VN075142.D

Acq: 03 Nov 2022 14:24

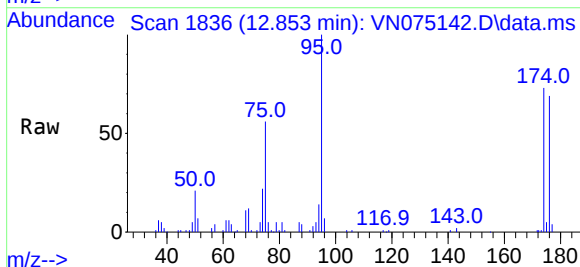
Tgt Ion: 95 Resp: 65848

Ion Ratio Lower Upper

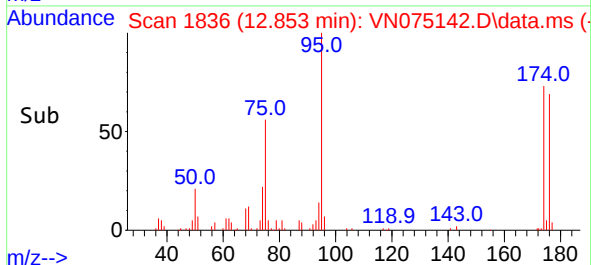
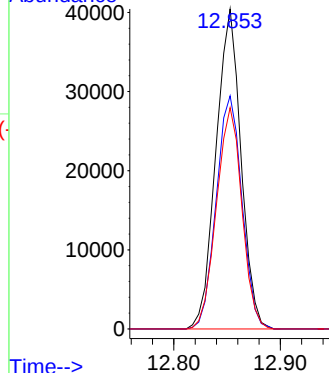
95 100

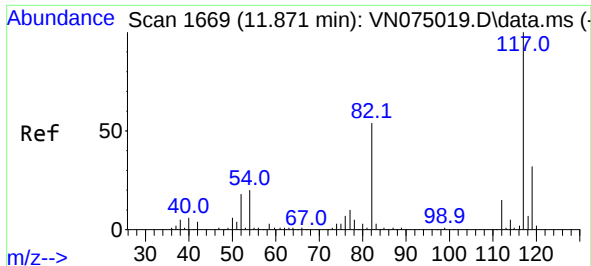
174 74.9 0.0 147.4

176 70.4 0.0 142.2



Abundance

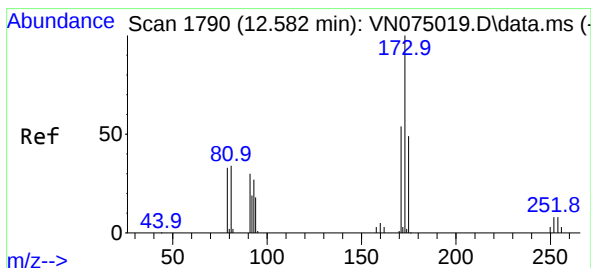
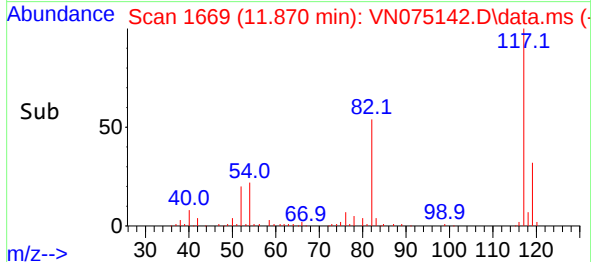
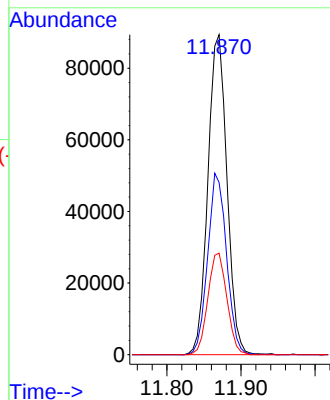
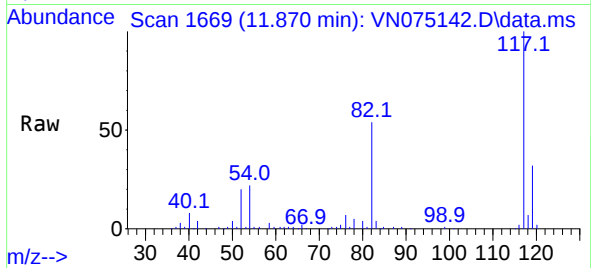




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

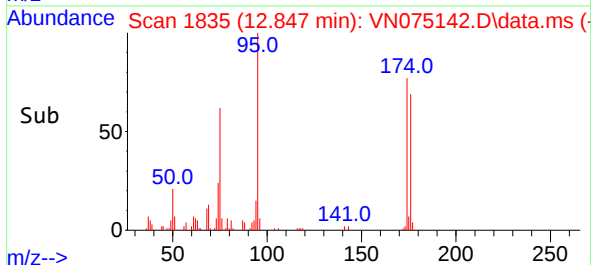
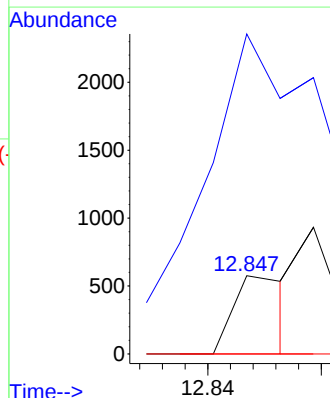
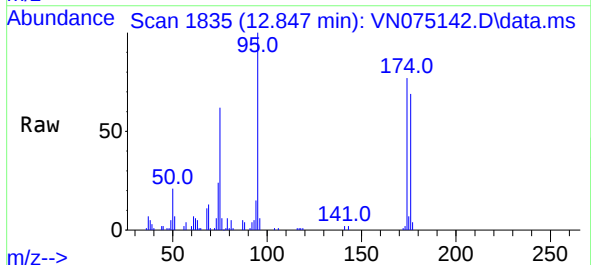
Instrument :
MSVOA_N
ClientSampleId :
S-10-103122RE

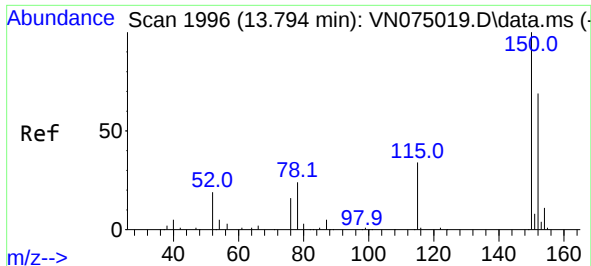
Tgt Ion:117 Resp: 159420
Ion Ratio Lower Upper
117 100
82 53.8 43.1 64.7
119 31.8 25.5 38.3



#71
Bromoform
Concen: 0.415 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Tgt Ion:173 Resp: 392
Ion Ratio Lower Upper
173 100
175 616.1 24.6 74.0#
254 0.0 0.0 0.0

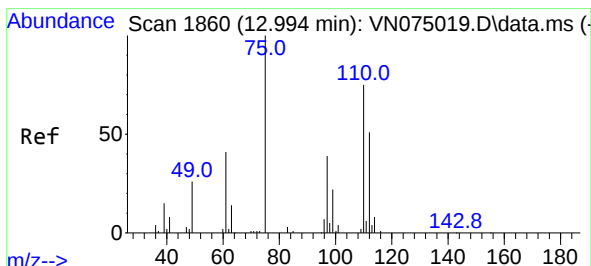
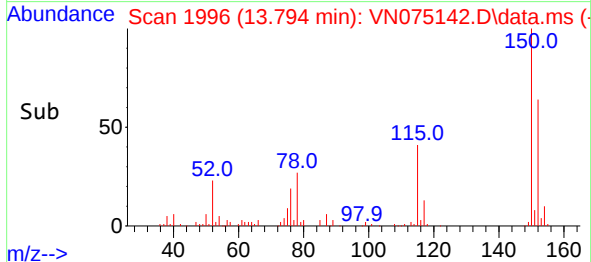
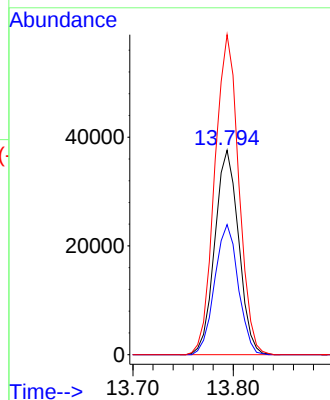
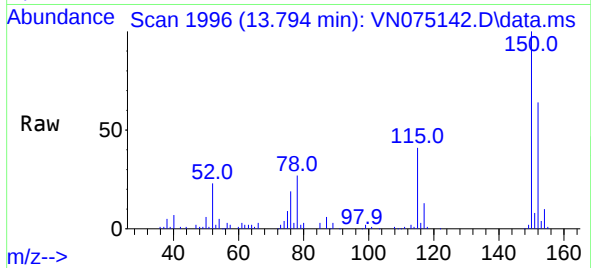




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

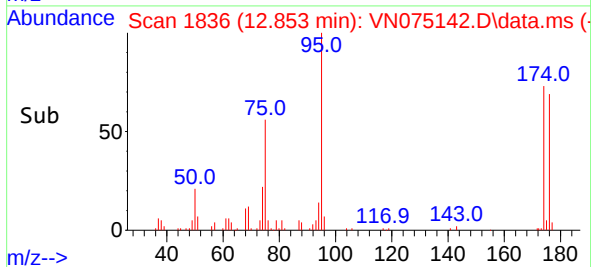
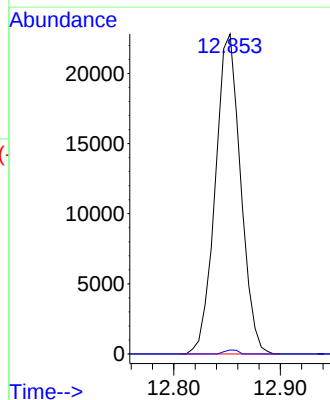
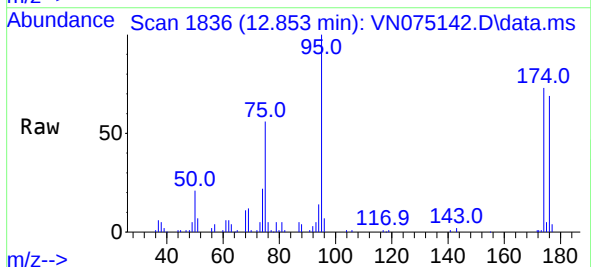
Instrument :
MSVOA_N
ClientSampleId :
S-10-103122RE

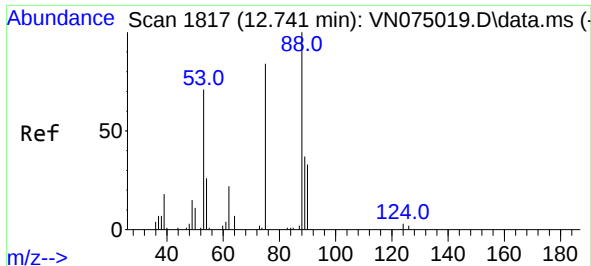
Tgt Ion:152 Resp: 61931
Ion Ratio Lower Upper
152 100
115 63.1 30.2 90.6
150 158.0 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 28.569 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Tgt Ion: 75 Resp: 37567
Ion Ratio Lower Upper
75 100
77 0.7 75.6 226.8#

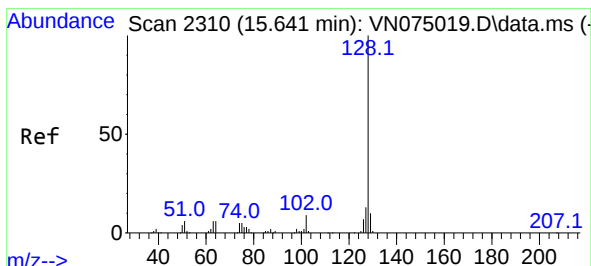
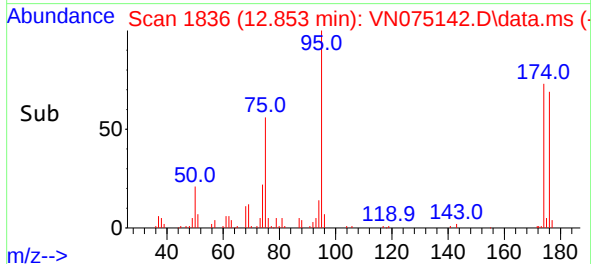
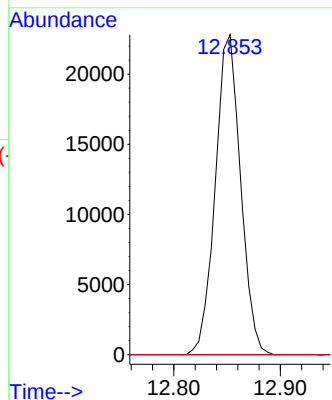
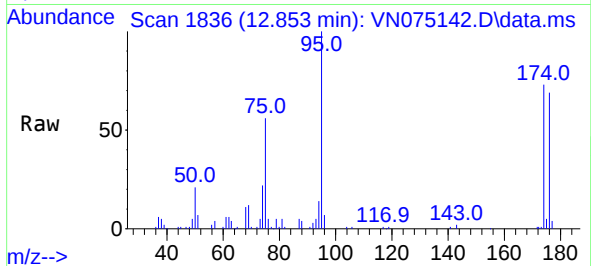




#81
trans-1,4-Dichloro-2-butene
Concen: 73.336 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.112 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :
S-10-103122RE

Tgt Ion: 75 Resp: 37567
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#95
Naphthalene
Concen: 0.276 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075142.D
Acq: 03 Nov 2022 14:24

Tgt Ion: 128 Resp: 973
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

